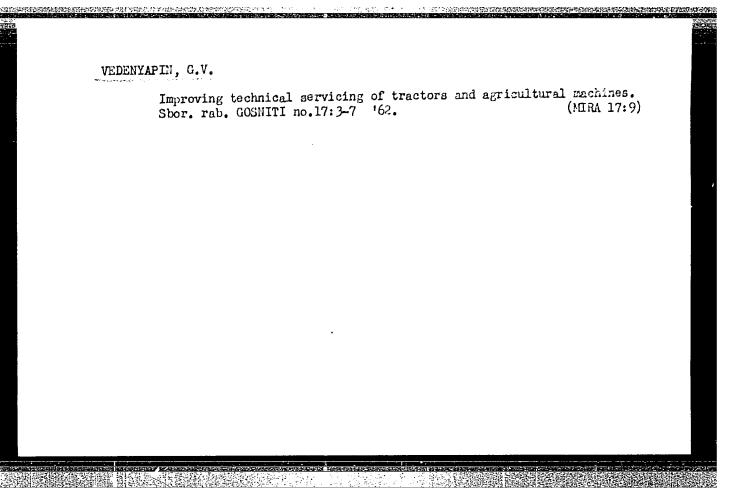
PROPERTY AND ASSESSMENT	Terminology of machinery maintenance and repair. Mekh. i elk. sots.  (MIRA 11:5)  sel'khoz. 15 no.2:44
	<ol> <li>Stalingradskiy sel'skokhozyaystvennyy institut.</li> <li>(TechnologyTerminology)</li> </ol>

VEDENYAPIN, G.V., doktor tekhn.nauk, prof.

A new edition of the textbook "Utilization of machinery and tractors" by B.S.Svirshchevskii. Reviewed by G.V.Vedeniapin. Hekh.i elek. sots.sel'khoz. 17 no.6:60-61 '59. (MIRA 13:4)

1. Stalingradskiy sel'skokhozyaystvennyy institut. (Agricultural machinery) (Tractors)

(Svirshchevskii, B.S.)



POLKANOV, I.P.; VEDENYAPIN, G.V., doktor tekhn. nauk, prof., retsenzent; KANIN, Yu.N., inzh., red.

[Theory and design of machine and tractor units] Teoriia i raschet mashino-traktornykh . Izd.2., perer. i dop. Moskva, Izd-vo "Mashinostroenie," 1964. 254 p. (MIRA 17:5)

LIKHACHEV, V.S., kand. tekhn. nauk; VEDENYAPIN, G.V., doktor tekhn. nauk, retsenzent; FAL'KO, O.S., inzh., red.; EL'KIND, V.D., tekhn. red.

[Testing tractors] Ispytaniia traktorov. Izd.2., perer. Moskva, Mashgiz, 1963. 278 p. (MIRA 17:2)

VEDENYAPIN. G.V.

[General methods for experimental research and the processing of experimental data] Obshchaia metodika eksperimental'nogo issledovaniia i obrabotki opytnykh dannykh. Stalingrad,
Izd-vo Stalingradskogo Sel'khoz. in-ta, 1959. 111 p.
(MIRA 16:8)

(Agricultural research)

VEDENYAPIN, G.V., prof.; KIRTEAYA, Yu.K., prof.; SERGEYEV, M.P.,
prof.; LETNEV, B.Ya., red.; TRUKHINA, O.N., tekhn. red.

[Utilization of machine and tractor stations] Ekspluatatsiia
mashinno-traktornogo parka. Moskva, Sel'khozizdat, 1963,
430 p.

(Agricultural machinery)

(Agricultural machinery)

VEDENYAPIN, G.V., doktor tekhn.nauk; Prinimala uchastiye BUTKOVSKAYA, L.G.

Types of domestic tractors. Trakt. i sel'khozmash. 33 no.2:19 F '63.

(MIRA 16:3)

l. Starshiy inzh. laboratorii agregatirovaniya Vsesoyuznogo nauchnoissledovatel skogo instituta sel skokhozyaystvennogo mashinostroyeniya (for Butkovskaya).

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VEDERNIKOV, G.V.; TITKOV, A.N.

Use of groups with triangular distribution function of instrument sensitivity. Razved. i prom. geofiz. no.50:25-37 '63.

(MIRA 18:3)

RADOV, A.S.; SHUBIN, G.A.; TOPILIN, Ye.K.; BEGUCHEV, P.P.; GUDKOV, A.N.;
VEDENTAPIN, G.Ye.; SHUBIN, V.F.; RASKHODOV, G.F.; KAZAKWYICH, L.I.;
IVASHCHENKO, P.S.; KOHUROV, S.G.; AGAPOV, P.F.; IVANOV, A.F.

Grigorii Mikhailovich Tumin; 1876-1957. Pochvovedenie no.ll:
(MIRA 11:12)

103 N '58.

(Tumin, Grigorii Mikhailovich, 1876-1957)

USSR/Cultivated Plants - Commercial. Oil-Bearing. Sugar-Bearing.

M

Abs Jour

: Ref Zhur Biol., No 18, 1958, 82415

Author

: Sheynkin, G. Vedenyapin, V., Gorbunova, Ye.

Inst

Title

: Experiment in the Application of Concentrated Irrigation

of Cotton Plant in Vakhshskaya Valley

Orig Pub

: Klilopkovodstvo, 1957, No 12, 32-38

Abstract

: In accordance with the proposal of the Moscow Institute of Water Management Engineers, the old system of cotton irrigation in a number of kolkhozes of Tadzhik SSR (irrigation of small isolated fields during several days) was substituted with a new system of concentrated waterings in which the area of a simultaneous watering was increased by two-three times and was brought to the area of the daily performance of the tractor. Application of concentrated irrigation provides a simultaneous readiness of the soil of the plot, decreases the interval between the

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- 70 -

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859220015-8"

USSR/Cultivated Plants - Commercial. Oil-Bearing. Sugar-Bearing. M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82415

end of irrigation and the beginning of the afterirrigation caltivation and facilitates the longitudinallateral caltivation of cotton plantins.-- D.B. Vakhmistrov

Card 2/2

NATAL CHUK, M.F.; VEUENYAPIN, V.Ye.; SHEYNKIN, G.Yu.; GORBUNOVA, Ye.N.

Planning and carrying out the irrigation of cotton on collective and state farms within the Vakhah irrigation system. Trudy AN Tadzh.SSR 78:193-254 157.

(Vakhah Valley--Gotton growing)

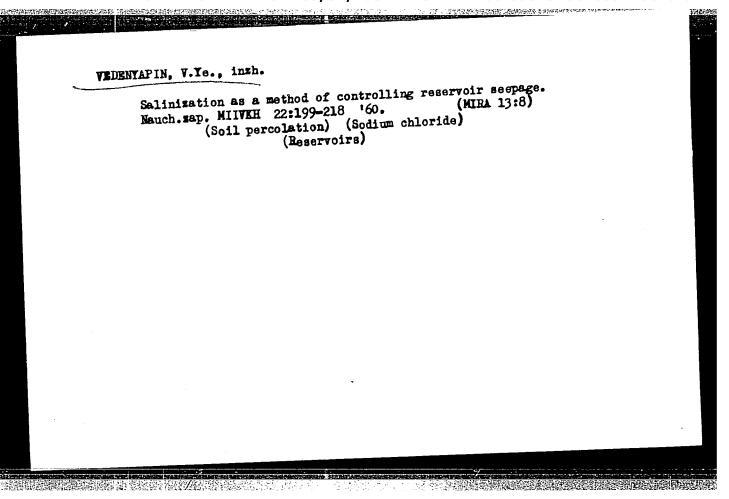
(Vakhah Valley--Irrigation)

NATALICHUK, M.F., dots.; SHEYNKIN, G.Yu., kand. tekhn. nank; YEDENYAPIN,
V.Ye., inzh.; VOROPAYEV, G.V., inzh.; GOBBUNOVA, Ye.N., inzh.;
TROITSKIY, A.A., red.; STAHETS, R., red.; POLICHAK, I., tekh. red.

[Organizing concentrated irrigation of cotton] Organizatsiia
sosredotochennykh polivov khlopchatnika. Stalinabad, Tadzhikskoe gos. izd-vo, 1958. 33 p.

(Gotton growing) (Irrigation farming)

VEDENYAPIN, V. Ye., Cand Tech Sci -- (diss) "Increase in the coefficient of useful employment of water reservoir water." Moscow, 1960. 27 pp; (Ministry of Agriculture USSR, All-Union Order of Lenin Academy of Agricultural Sciences im V. I. Lenin, All-Union Scientific Research Inst of Hydrotechnics and Land Reclamation im A. N. Kostyakov); 170 copies; price not given; (KL, 22-60, 136)



BHUSENTSEV, V.F., kand.tekhn.nauk; VEDENTAPIN, V.Ye., inzh.

Studying the seepage-reducing properties of hydrophobic soils.
Nauch.sap. MIIVEH 22:219-228 '60. (MIRA 13:8)

(Soil percolation)

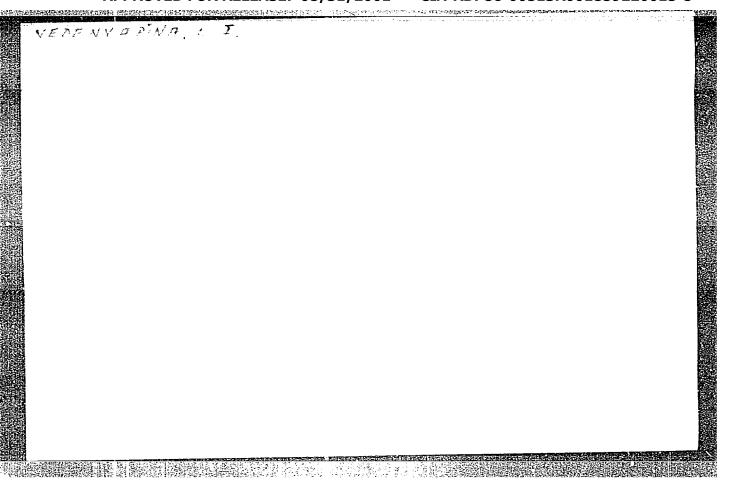
TERTERYAN, A.A., inzh.; LEYTES, A.V., inzh.; MAKUSHIN, A.A., inzh.; VEDENYAPINA, I.I., inzh.

Effect of pressure of the traction rolls on continuous steel casting equipment on the quality of cast slabs. Stal' 21 no.10: 901-902 0 '61. (MIRA 14:10)

1. TSentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii i zavod "Krasnoye Sormovo".

( Continuous casting)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859220015-8"



# YEDENYAPINSKIY, V.G. The layout of buildings for animals. Zhivotnovodstvo 21 no.2:88-89 (MIRA 12:3) F '59. 1. Glavnyy vetvrach inspektsii po sel'ekomu khozyaystvu pri Tarutinskom rayispolkome, Odesskoy oblasti. (Stables)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859220015-8"

### VEDENYAYEV, L.

It is time to review the Regulations governing house committees.

Zhil.-kom.khoz. 12 no.7:12-13 J1 62 (MIRA 16:5)

1. Predsedatel: uchastkovogo komiteta zhilishthno-ekspluatatsionnoy kontory No.5 Baumanskogo rayona Moskvy. (Housing management)

VEDEN'YEV, F., smennyy inzhener

Brigards of communist labor are successfully carrying out tasks of the second year of the seven-year plan. Muk.-elev. prom. 26 no.5:6-7 My 160. (MIRA 14:3)

1. Mel'nichnyy kombinat imeni A.D. TSyurupy. (Flour mills)

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L 26353-66 EWT(m)/EWP(J/// BIOLE SOURCE CODE: UR/0195/66/007/002/0208/0213
ACC NR: AP6013379 SOURCE CODE: UR/0195/66/007/002/0208/0213

AUTHOR: Kudryavtseva, Yu. I.; Vedeneyev, V. I.

ORG: Institute of Chemical Physics, AN SSSR (Institut khimicheskoy fiziki AN SSSR)

TITLE: Kinetics and mechanism of the thermal decomposition of ethane. Part 2

SOURCE: Kinetika i kataliz, v. 7, no. 2, 1966, 208-213

TOPIC TAGS: ethane, thermal decomposition, reaction rate

ABSTRACT: In order to determine whether there is a change in the order of the reaction of thermal decomposition of ethane below 600°C and whether the transition region depends on the temperature, experiments were conducted on this reaction at temperatures of 587, 569, 554, and 522°C and initial pressures from 10 to 700 mm Hg. Only the initial stages of the thermal decomposition were investigated. In the 522-610°C range, the reaction order was found to change from approximately first order at pressures of 100-700 mm Hg to a higher order at pressures below 100 mm Hg. The pressure range in which the change in reaction order takes place is practically independent of temperature and corresponds to about 100 mm Hg. It is shown that under the conditions of thermal decomposition of ethane employed, it is necessary to consider the pressure dependence of unimolecular decomposition constants of ethane (decomposition into two CH<sub>3</sub>)

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VEDEN'YEVA, N.I.; GUZ, Kh.B.; SVITSENT, Ya.L.

Possibility of using an antigen of the Kharkov Biological Products Plant for the serodiagnosis of brucellosis in human beings. Lab. delo 6 no.5:6-7 S-0 '60. (MIRA 13:9)

1. Otdel osobo opasnykh infektsiy Khar'kovskoy oblastnoy sanitarnoepidemiologicheskoy stantsii (glavnyy vrach I.I. Chernov). (BRUCELLOSIS) (ANTIGENS AND ANTIBODIES)

Case of contamination of water supply with sewage. Gig. i san. no.12:

41-42 D '54.

1. Iz Kharkovskoy oblastnoy sanitarno epidemiologicheskoy stantsii

(WATER SUPPLY

pollution by sewage)

(SEWAGE

contamination of water supply)

VEDENTYNA, N.I., vrach; NIZOVISEVA, T.V.; vrach; DOROFEYEV, N.Ye., khimik

Case of pollution of the minicipal water supply by sewage. Gig.
i san. 22 no.9:86-87 \$'57.

1. Iz Khar'kovskoy oblastnoy sanitarno-epidemiologicheskoy stantsii
(WATER SUPPLY
contamination by sewage)
(SEWAGE
contamination of water supply)

VEDEKCHENKO, D.

USSR/Cultivated Plants. Cereals.

M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77603.

Author : Vederchenko, B.

Inst : Moscow Agricultural Academy Imeni K. A. Timiryazev.
Title : Watering Cycle of Spring Wheat Under the Conditions

of Onokhoy Rayon, Duryat-Mongol ASSR.

Orig Pub: Sb. stud. nauchno-issled. rabot. Mosk. s.-kh.

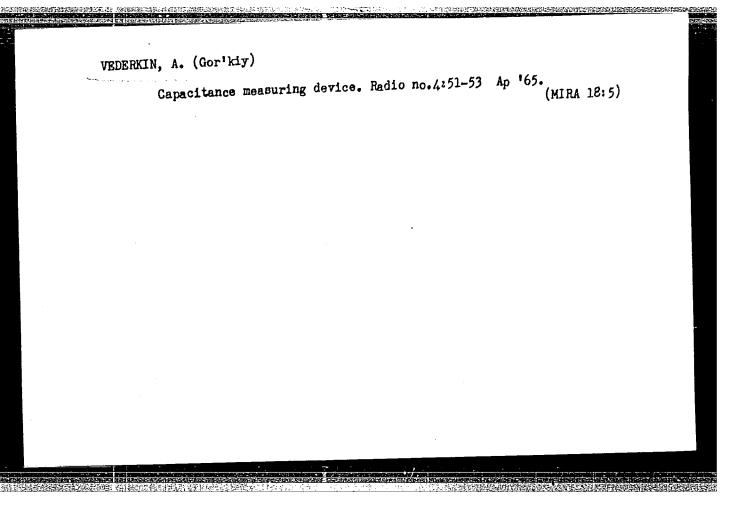
akad. im. K.A. Timiryazeva, 1957 (1958), vyp. 7,

218-222.

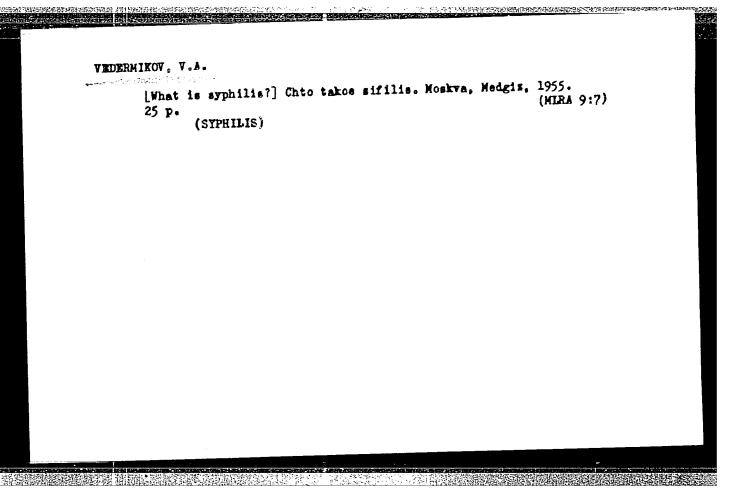
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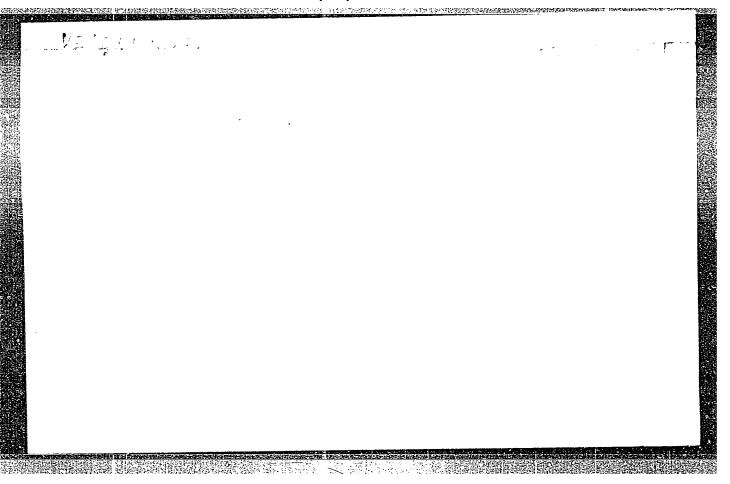
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BOGOYAVLENSKIY, A.; VEDERNIKOV, A. (g. Kazan')

Crystalline scale. Khim. v shkole 14 no.1:85 Ja-F '59.

(Gypsum)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859220015-8"

VEDERNIKOV, A., starshiy inzhener (Irkutsk); CHERNIKOV, V., aviatekhnik

(Irkutsk); GRAYVORONTSEV, I., aviatekhnik (Irkutsk)

Ground workers had to catch up. Grazhd.av. 18 no.ll:ll %'61.

(MIRA 15:2)

(Irkutsk--Airports) (Irkutsk--Airplanes--Maintenance and repair)

LOMPATIDAE, G.A.; VEDERNIKOV, A.A.; Prinimali uchastiye: SHARONOV, G. Ye. B Lozh.; ZAKURDAYEV, A.G.; MOKROVA, V.P.; ROZHKOV, I.M.

Carbon oxidation during the finishing period of the oxygen blewing of an open-hearth furnace bath. [Sbor. trud.] TSNIICHM no.29: 65.72 163.

VEDERNIKOV, A.A.; PEREVALOV, N.N.; TRAVIN, O.V.

Possibility of calculating the oxygen content in open-hearth metal during the finishing period. Izv. vys ucheb. zav.; chern. met. 6 no.9:55-61 163. (MIRA 16:11)

1. TSentral nyy nauchno-issledovatel skiy institut chernoy metallurgii im. I.P.Bardina.

MAKSIMOV, Yu.M., kand. tokhn. nauk; MANTATIDZE, G.A., and a grant finishing A.A., inzh.

Temperature conditions in open hearth baths in the finishing period with an oxygen blow. Stalt 24 no.8:694-697 Ag '64.

(XIVA 17:9)

VEDERNIKOV, A.I., inzh.

Using a DD-3 differential range finder with a vertical rod in laying out theodolite traverses. Trudy NIIZHT no.30:29-34 162. (MIRA 16:9)

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	l. Starshiy inch. Chelyabinakoy laboratorii elektrifikatsii zhelezaykh dorog Tientralinog: napehmoedusiatamataliakaga inc stituta soyazi.

VEDERNIKOV, A.I. (Moskva)

Intensify the construction of medical institutions on an intercollective farm basis. Sov.zdrav. 19 no. :57-59 '60. (MIRA 13:8) (HOSPITALS, RURAL)

KAMYSHNYY, N.I., kandidat tekhnicheskikh næuk; VEDERNIKOV, A.I., inzhener, retsenzent; MALOV, A.H., kandidat tekhnicheskikh næuk, redaktor; BUTYLKIH, A.G., tekhnicheskiy redaktor.

[Feed mechanisms for automatic machine tools] Mekhanismy pitaniia avtomaticheskikh stankov. Moskva, Gos. nauchno-tekhn. izd-vo mashino-stroit. lit-ry, 1951. 96 p. (MLRA 8:1) (Machine tools)

VEDERNIKOV, A.I.; KALINKINA, E.I.; KUDINOV, V.A.; PROKOPOVICH, A.Ye., red.;

IVANOVA, N.A., red.izdatel'stva; MATVEYEVA, Ye.N., tekhn.red.

[Reconditioning automatic one-spindle turret lathes; instructions]

Modernizatsiia tokarno-revol'vernykh odnoshpindel'nykh avtomatov;

rukovodiashchie materialy. Pod red. A.E.Prokopovicha. Moskva,

Gos.nsuchno-tekhn.izd-vo mashinostroit.lit-ry, 1957. 81 p.

(MIRA 10:12)

1. Moscow. Eksperimental'nyy nauchno-issledovatel'skii institut

metallorezhushchikh stankov.

(Lathes)

SOLOV'YEV, N.V., dots., kand. tekhn. nauk; VEDERNIKOV, A.I., red.; KUROVA, A.V., red.; KLEYMAN, L.G., tekhn. red.

[Fundamentals of safety engineering and fire prevention in railroad transportation; course of lectures for students of all branches]
Osnovy tekhniki bezopasnosti i protivopozharnoi tekhniki na zheleznodorozhnom transporte; kurs lektsii dlia studentov vsekh spetsial'onostei. Moskva, Movo putei soobshcheniia Vses.zaochnyi in-t inzhenerov zhel-dor.transp., 1961. 308 p.

(MIRA 14:12)

(Railroads-Safety measures)
(Railroads-Fires and fire prevention)

VEDERNIKOV, H. I.

PHASE I BOOK EXPLOITATION 188

- Eksperimental'nyy nauchno-issledovatel'skiy institut metallorezhushchikh stankov
- Modernizatsiya tokarno-revol'vernykh stankov; rukovodyashchiye materialy (Modernization of Turret Lathes; Instructions) Moscow, Mashgiz, 1957. 170 p. 8,500 copies printed.
- AUTHORS: Likht, L.O., Kudinov, V.A., Lapidus, A.C., Azarevich, G.M., Skidal'skiy, M.M., Vedernikov, A.I.; Ed.: Prokopovich, A.Ye.; Ed. of Publishing House: Balandin, A.F.; Tech. Ed.: El'kind, V.D. Managing Ed. for literature on metalworking and tool making [Mashgiz] Beyzel'man, R.D., Engineer.
- PURPOSE: The book is intended for engineering and technical personnel in machine-building plants.
- COVERAGE: The book presents an analysis of the existing stock of turret lathes and outlines basic trends in their modernization. The following data are included: examples for calculating the main drive and feeds; classification and description of devices for mechanization and automation; description of various devices

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Modernization of Turret Lathes; Instructions 188

for expanding the technological potentialities of machine tools and examples of the modernization of basic machine tools in that category. Problems of increasing vibration stability and the reliability of machine-tool operation are discussed. The share of turret lathes in the Soviet stock of machine tools was 3.7 percent in 1940, 5.7 percent in 1945, 5.0 percent in 1950, and 4.3 percent in 1955. Most of the lathes in use at present were produced during the thirties and forties. As of 1955, there were about 75,000 turret lathes in the Soviet stock of machine tools. Only 2.2 percent of these could machine a piece part up to 80 mm. in diameter, 29.4 percent could machine a piece part up to 65 mm. in diameter, 41.5 percent could machine a piece part up to 40 mm. in diameter, and 16.8 percent could machine a piece part up to 18 mm. in diameter. There are 44 Soviet references. No personalities are mentioned.

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Indernization of Turret Lathes; Instructions 188 Ch. VIII. Increasing the Longevity of Turret Lathes (A.S. Lapidus, Candidate of Technical Sciences and S.M. Azarevich, Candidate of Technical Sciences Ch. IX. Safety Measures (L.O. Likht) Ch. X. Expansion of Technological Potentialities (L.O. Likht) Ch. XI. Order of Modernization Tasks (L.O. Likht) Appendix. Attachments for Turret Lathes	125 140 149 166 168
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NIKOLAYEV, I.I., prof.; VEDERNIKOV, A.I., otv. za vypusk; BOBROVA, V.N., tekhn.red.

[Motion of diesel locomotives along curved sections of track; lecture on the discipline of diesel locomotive design and dynamics for the students in the fifth semester of the course on diesel locomotives] Dvizhenie teplovozov po krivym uchastkam puti; lektsiia po distsipline: Konstruktsiia i dinamika lokomotivov (teplovozy) ilia studentov V kursa spetsial nosti: Teplovozy i teplovoznos khozisistvo. Moskva, Gos.transp.zhel-dor. (MIRA 13:5)
izd-vo, 1958. 31 p. (MIRA 13:5)

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IVANOV, V.V., dotsent; VEHERNIKOV, A.I., otv. za vypusk; BOBROVA, Ye.N., tekhn.red.

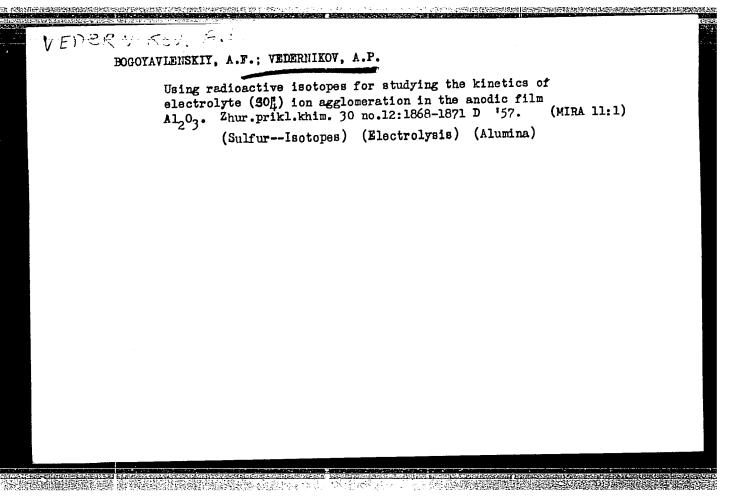
[Diesel locomotive wheel pairs; lectures on the "Construction and dynamics of locomotives (diesel)" for students of the fifth course specializing in "Diesel locomotives, their operation, equipment and maintenance".] Teplovoznye kolesnye pary; lektsii po distsipline "Konstruktsiia i dinamika lokomotivov" (teplovozy) dlia studentov V kursa spetsial nosti "Teplovozy i teplovoznoe khoziaistvo." Moskva, Gos.transp.zhel-dor.izd-vo. 1958. 85 p. (MIRA 13:4)

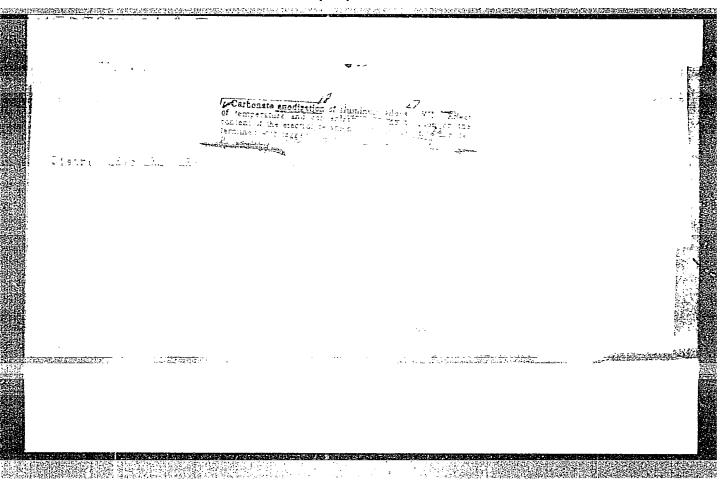
(Diesel locomotives)

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VEDERNIKOV, A. P. Cand Chem Sci -- "Study of the composition of an anodice film on aluminum by the braser method." Kazan, 1961 (Min of Higher and Secondary Specialized Education RSFSR. Kazan, Aviation Inst). (KL, 4-61, 186)

-60-

KOROLOV, M.A.; VETYUKOV, M.M.; VEDERNIKOV, G.F.; SHMEL'KOVA, N.B.;

KAPEL'NITSKIY, Yu.G.

Degree of coke calcination for the preparation of an anode past TSvet. met. 38 no. 12:58-62 D \*65 (MIRA 19:1)

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a Name and a series				
TITLE: Q	uasi-line spectra of .	Mede Zantie		
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मुलका हिं	jjae spestoan. S	المعارض والمعولاة ووجا السويسوم والس	્રામન, તાંધનતાં	
TRANSLATI	ON: Quasi-line struc  S-methyl-d,4-leszacr	opilise, opertion like. Oproprise englen to de	gwilskiy's metholo Genegaline, Voxi	
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VEDERNIKOV, I.A.

"Some results of the theoretical seminars". <u>Vestnik Vysshey Shkoly</u>. Vol. 12, #4, April 1954. Moskva, page 5.

SO: D-81919, 25 Aug 1954.

VEDERNIKOV, Ivan Fedorovich; PASHCHINSKAYA, G., red. [Geography of Kaliningrad Province; textbook for grade 8] Geografiia Kaliningradskoi oblasti; uchebnoe posobie dlia

VIII klassa. Kaliningrad, Kaliningradskoe knizhnoe izd-vo, (MIRA 18:12)

1965. 76 p.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859220015-8"

BELYAYEV, V.G.; VEDERNIKOV, I.I.; GONCHAROV, V.N.; PATEYEV, A.Kh.; RUMYANTSEVA, M.B., red.; FORMALINA, Ye.A., tekhn. red.

[Using high-frequency current for defrosting frozen sprat briquets] Defrostatsiia briketov morozhenoi kil'ki tokom promyshlennoi chastoty. Moskva, Izd-vo zhurnala "Rybnoe khoziaistvo" VNIRO, 1962. 21 p. (MIRA 17:3)

1. Sotrudniki Kaspiyskogo nauchno-issledovatel'skogo instituta morskogo rybnogo khozyaystva i okeanografii, Astrakhan' (for Belyayev, Vedernikov).

L 7015-66

ACC NR: AP5026829

SOURCE CODE: UR/0286/65/000/017/0116/0116

AUTHOR: Vedernikov, I. I.; Belyayev, V. G.

ORG: :none

TITLE: A method for defrosting food products frozen in bulk. Class 53, No. 174519

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 17, 1965, 116

TOPIC TAGS: nutrition, food technology

ABSTRACT: This Author's Certificate introduces a method for defrosting food products frozen in bulk, e. g. small fish, by using running water. The process is speeded up by simultaneously passing a power frequency current through the product.

UDC: 664.8.037.59.637.56

SUB CODE: GO, LS/ SUBM DATE: 15Jan50/ ORIG REF: 000/ OTH REF: 000

60

Card 1/1

The state of the s

VEDERNIKOV, I.N.; LYANDRES, I.L.; NAGORSKIY, V.K.; PASHKO, S.G.

Manufacture of sulfur in the form of scales. Khim.prom. no.10:773 0 162. (MIRA 15:12)

1. Volzhskiy serny**y** kombinat. (Sulfur)

VEDERNIKOV, I.P.; KYUNTSEL', A.A.

The hygiene of children's toys. Pediatriia 39 no.5:80-81 S-0 '56.

(MIRA 10:1)

1. Iz kafedry shkol'noy gigiyeny Molotovskogo meditsinskogo instituta.

(TOYS)

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KUSTOV, S.; GHEDIN, I.; VEDERNIKOV, K.

是此次的新疆的最高的特殊。但是自然是自然是自然的

Use funds for capital repairs more efficiently. Den. 1 kred.
18 no.12:47-51 D'60. (MIRA 13:11)

1. Zamestitel' upravlyayuschego Kiyevskoy oblastnoy kontoroy Gosbanka.(for Kustov). 2. Rukovoditel' kreditnoy gruppy Ikryaninskogo otdeleniya Gosbanka Astrakhanskoy oblasti (for Gnedin). 3. Nachal'nik proizvodstvenno-ekspluatatsionnogo otdela Gomel'skoy kontory Gosbanka (for Vedernikov).

(Banks and banking) (Construction industry--Finance)

He	ow we organize the work. Den.i kred. 17 no.4:73-74 Ap 159. (Gomel Province-Banks and banking)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859220015-8"

VEDERNIKOV, Lev Alekseyevich; KUSHCH, L.K., redaktor; TIKHONOVA, Ye.A., tekhnicheskiy redaktor

[Problems in the prevention of ship collisions at sea] Zadachnik po voprosam preduprezhdeniia stolknovenii sudov v more. Moskva, Izd-vo "Morskoi transport," 1955. 101 p. (MIRA 8:7) (Collisions at sea--Prevention)

VEDERNIKOV, M.; PRIZHKO, M., prepodavatel; SHEVCHENKO, L., master proizvodstvennogo obucheniya

Radio electronics laboratory. Prof.-tekh. obr. 20 no.3:6-7 Mr 163. (MIRA 16:3)

1. Direktor Severodonetskogo tekhnicheskogo uchilishcha No.4 Luganskoy oblasti (for Vedernikoy).

(Electronic technicians—Education and training)

VEDERNIKOV, M.; PRIZHKO, M.; PANEVIN, D., starshiy master; KOBOZEV, V., pre-podavetel'

Personnel for the giants of the chemical industry. Prof. tekh. obr. 21 no.1:8-9 Ja '64. (MIRA 17:3)

1. Direktor professional'no-tekhnicheskogo uchilishcha No.53, Luganskaya obl. (for Vedernikov). 2. Zamestitel' direktora professional'no-tekhnicheskogo uchilishcha No.53, Luganskaya obl. (for Prizhko).

THE RESERVE THE PROPERTY OF THE PARTY OF THE

AUTHOR:

Vedernikov, M., Deputy Director

SOV-27-58-9-25/28

TITLE:

Interesting Conferences (Interesnyye konferentsii)

PERIODICAL:

Professional no-tekhnicheskoye obrazovaniye, 1958, Nr 9,

p 32, (USSR)

ABSTRACT:

Conferences on technical matters are conducted regularly by the Severo-donetskoye tekhnicheskoye uchilishche Nr 4 (The Severo-Donets Technical School Nr 4). The following lectures have been given: "The Development of the Lisichansk Chemical Trust in the Near Future", "Ways to Utilize Natural Gas", "The Importance of Nitrogen in the Na-

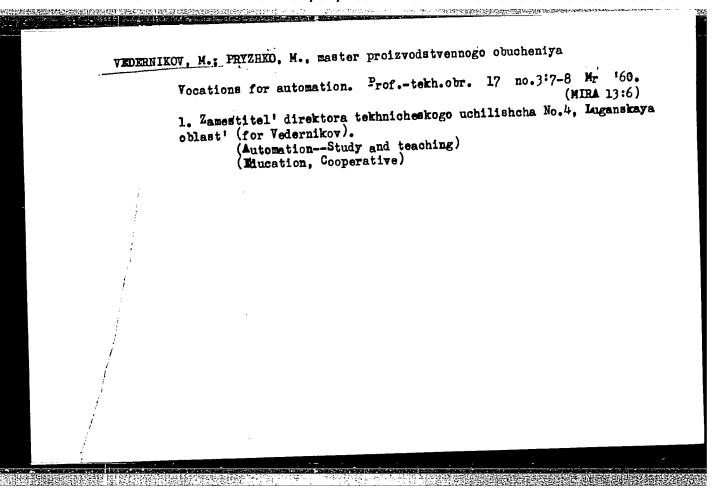
tional Economy".

1. Chemistry--USSR

Card 1/1

AUTHOR:	Vedernikov, M., Deputy Director of Industrial 27-58-6-6/35
TITLE:	Tools for Kolkhoz Workshops (Instrument dlya kolkhoznykh masterskikh)
PERIODICAL:	Professional'no-Tekhnicheskoye Obrazovaniye, 1958, Nr 6, p 5 (USSR)
ABSTRACT:	The Severodonetskoye tekhnicheskoye uchilishche Nr 4 (North- Donets Technical School Nr 4) promised to send various necessary tools to repair shops of the kolkhozes of the
Card 1/1	Lugansk region. The school also promised to check and repair machines during the winter months.
	1. Education-USSR 2. Educational dynamics-USSR

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VEDERNIKOV, M.; PRIZHKO, M.; KOBAZEV, V., prepodavatel

Major chemical industrial complexes should have qualified personnel. Prof.-tekh.obr. 20 no.10:12 0 '63. (MIRA 16:12)

1. Direktor tekhnicheskogo uchilishcha No.4 g.Severodonetska, Luganskaya obl. (for Vedernikov). 2. Zamestitel' direktora tekhnicheskogo uchilishcha No.4 g. Severodonetska, Luganskaya obl. (for Prizhko). 3. Tekhnicheskoye uchilishche No.4 g. Severodonetska, Luganskaya obl. (for Kobazev).

VEDERNIKOV, Mikhail Iyanovich; RUDOY, Ivan Vasil'yevich; KATRENKO, D.A., nauchnyy red.; LYAKHOVETSKAYA, T.Ye., red.; TOKER, A.M., tekhn. red.

> [Operator of compressor and pumping machinery in the chemical industry] Mashinist kompressornykh i nasosnykh ustanovok khimicheskoi promyshlennosti. Moskva, Proftekhizdat, 1963. 374 p. (MIRA 16:9)

(Chemical machinery) (Compressors) (Pumping machinery)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859220015-8"

S/181/60/002/011/010/042 B006/B056

26.2532

AUTHORS:

Vedernikov, M. V. and Kolomoyets, N. V.

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TITLE:

Thermoelectric Properties of Solid Solutions of Chromium, Vanadium, and Titanium With Nickel

PERIODICAL: Fizika tverdogo tela, 1960, Vol. 2, No. 11, pp. 2718-2727

TEXT: The authors give a very detailed report on measurements of the resistivity and thermo-emf of binary alloys of nickel with chromium, vanadium, and titanium with 99.8% [Ni], 99.5% [Cr], 95.0% [V], and 99.5% [Ti] purity of the respective components. The alloys were produced by vacuum fusion of the components in corundum crucibles supplied by the Podol'skiy zavod ogneuporov (Podol' Refractory Plant). The melting furnace used is shown in a drawing. The resistivity Q and thermo-emf  $\alpha$  of the specimens were measured with a compensation circuit and a NNTH-1 (PPTN-1) potentiometer which was sensitive up to  $10^{-7}v$ . The temperature dependence of  $\alpha$  and Q was measured in vacuo between room temperature and  $1200^{\circ}$ C. The measurements are shown in diagrams. Fig.2 shows the concentration dependence of the additional resistivity  $\Delta$ Q of the systems

Card 1/4

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Thermoelectric Properties of Solid Solutions of Chromium, Vanadium, and Titanium With Nickel

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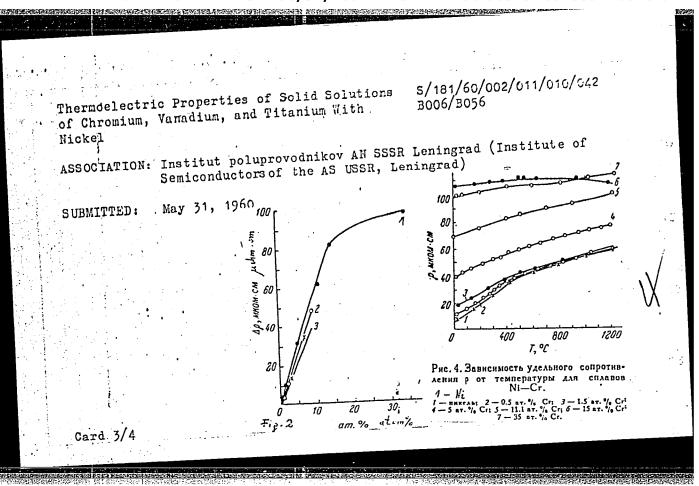
Ni-Cr (1), Ni-V (2), and Ni-Ti (3) at  $15^{\circ}$ C. It is shown (Fig.3) that  $\Delta_Q$ may be described by the relation  $\Delta Q = ca + cbN^2$ , where N = 2, 3, 4 for Ti, V, and Cr, respectively. The concentration of Ti, V, and Cr, respectively, amounts to c=5% in all cases. Fig.4 shows Q as a temperature function of an Ni-Cr alloy with different chromium concentrations; Fig.5 shows the same for Ni-V, and Fig.6 for Ni-Ti. The curves all take a similar course. For the thermo-emf of nickel it is found that the

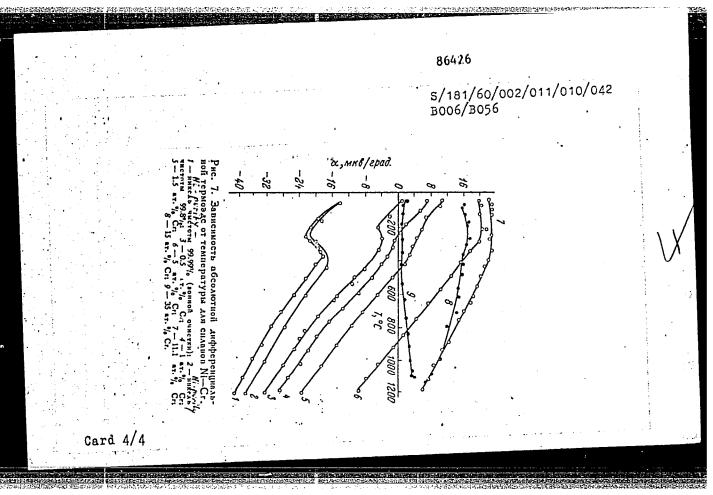
relation  $\alpha_0 = -AT(\frac{1.5}{\mu} + \frac{x}{\epsilon_0 - \mu})$  holds  $(\epsilon_0 - \text{upper edge of the d-band})$ . The

temperature dependence of the thermo-emf is shown for Ni-Cr alloys in Fig.7, for Ni-V in Fig.8, and for Ni-Ti in Fig.9. The curves again take a similar course; they all have in common that at low concentrations of the admixture they are entirely or partly in the range of the negative thermo-emf and have a minimum and a maximum, whereas at high concentrations the curves are smooth and are quite or partly in the positive range. The results obtained are discussed in detail. S. A. Semenkovich is thanked for his advice and interest. There are 10 figures, 1 table, and 14 references: 4 Soviet, 6 British, 3 US, and 1 Swedish.

Card 2/4

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28092 s/181/61/003/009/026/039 B104/B102

Kolomoyets, N. V., and Vedernikov, M. V.

AUTHORS:

Thermoelectrical properties of ferromagnetic metals and their

TITLE:

alloys

PERIODICAL:

Fizika tverdogo tela, v. 3, no. 9, 1961, 2735-2745

TEXT: This paper presents a systematic study of the thermoelectrical properties of alloys of transition metals of the 3d series with nickel. Alloys of Ti, V, and Cr with nickel have been studied previously (M. V. Vedernikov et al., FTT, II, 2718, 1960). This article describes solid solutions of Mn, Fe, and Co with nickel. The production of the alloys and the measuring techniques employed have been described in a previous paper. A detailed study of the relations between the thermoelectrical properties of ferromagnetic metals and their band structure shows that in transition metals a positive sign for the thermo-emf is also possible if the carriers are electrons. From the direct relation between thermo-emf and band structure it follows that it might be possible to draw conclusions from the thermoelectrical properties as to the band structure of the metals. Card 1/3

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Thermoelectrical properties ...

Experimental results on the temperature dependence of the absolute thermoemf between 20 and  $1200^{\circ}\text{C}$  are presented for nickel, cobalt, iron, and for the systems Ni-Co, Ni-Fe, Ni-Mn, and Fe-Co. Based on these results the band diagrams shown in Fig. 3 for Ni, Co, and Fe are constructed by means

of the relation  $\alpha = - \text{AT} \left( \frac{3}{2\mu} - \frac{q_{d_1}^1 + q_{d_2}^1}{q_{d_1} + q_{d_2}} \right), \text{ where } q_{d_1} \text{ and } q_{d_2} \text{ are the state}$  densities in the sub-bands;  $q_{d_1}^1$  and  $q_{d_2}^1$  are their derivatives with respect

to the energy at  $\boldsymbol{\xi} = \mu$ , where  $\mu$  denotes the Fermi level. These band diagrams make it possible to explain the thermo-electrical properties of these alloys and also their magnetic properties. The representations developed here for the relations between thermoelectrical properties and band structure can be used in general to study the properties of various metals of the 3d transition series. A. G. Orlov performed the spectrum analyses. The author thanks S. A. Semenkovich for interest, and I. A. Kosavin for supplying the nickel and cobalt samples. There are 7 figures, 1 table, and 10 references: 5 Soviet and 5 non-Soviet. The three references to English-language publications read as follows: N. F. Mott, Proc. Card 2/3

**APPROVED FOR RELEASE: 08/31/2001** CIA-RDP86-00513R001859220015-8"

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Thermoelectrical properties ...

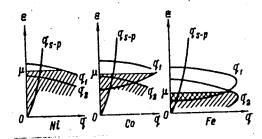
Roy. Soc., 156, 368, 1936; J. B. Goodenough, Phys. Rev., 120, 67, 1960; N. F. Mott et al., Phil. Mag., 2, 1364, 1957.

ASSOCIATION: Institut poluprovodnikov AN SSSR Leningrad (Institute of

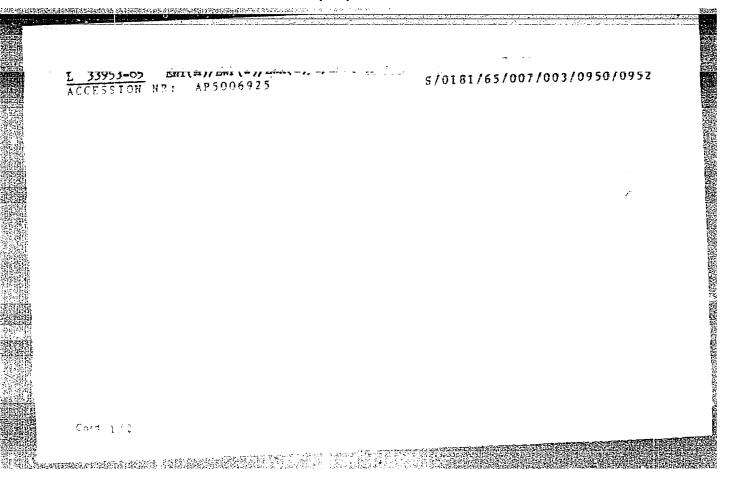
Semiconductors, AS USSR, Leningrad)

SUBMITTED: April 28, 1961

Fig. 3. Band diagrams for pure Ni, Co, and Fe.



Card 3/3



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AUTHORS: Abarenkov, I. V.; Vedernikov, M. V.

ORG: Institute of Semiconductors AN SSSR, Leningrad (Institut poluprovodnikov AN SSSR)

TITLE: Fermi surface and thermal emf of copper

SOURCE: Fizika tverdogo tela, v. 8, no. 1, 1966, 236-238

TOPIC TAGS: copper, gold, silver, thermal emf, Hall constant, Fermi level

ABSTRACT: The authors attempt to explain theoretically the experimental facts that the noble metals (copper, silver, and gold) have a positive thermal emf at high temperatures. Particular attention is paid to the possibility that the discrepancy between theory and experiment may be due to the fact that the Fermi surface of noble metals is definitely not spherical, and the deviation from sphericity is larger than that proposed by J. M. Ziman (Adv. Phys. v. 10, 1, 1961). The authors attempt further to show that a more detailed allowance

Card 1/2

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for the shape of the Fermi surface with the aid of the Slater-Coster formula will result in an appreciable positive contribution to thermal emf, and calculate the possible shape of the Fermi surface for several values of one of the parameters in the formula. The results indicate that the complexity of the shape of the Fermi surface greatly influences the thermal emf of the noble metals. This influence can lead to a positive sign of the thermal emf even though the Hall constant can remain negative. Orig. art. has: 1 figure, 2 formulas, and 1 table.

SUB CODE: 20/ SUBM DATE: 30Ju165/ OTH REF: 006

Card 2/2

SOURCE CODE: UR/0286/65/000/024/0038/0038 ACC NR: AP6002878

Yakhats, M.S.; Kolomoyets, N.V.; Vedernikov, M.V.

ORG: none

TITLE: Solar heat generator, Class 24, no. 175967 [announced by the All-Union Scientific Research Institute of Current Sources (Vsesoyuznyy nauchno-issledovatel skiy institut istochnikov toka)

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 38

TOPIC TAGS: solar energy conversion, generator, solar power plant, thermocouple, commutator, space electronics, capacitor, hear energy conversion

ABSTRACT: 1. The solar heat generator, patented under the author's certificate No.123378, is characterized by the fact that the thermoelements are made from Ni-Pd and Pd-Ag alloys and the commutation is effected by means of a threaded connection. The purpose of this is to improve the mechanical strength of the generator and to diminish its shakiness during operation in outer space. 2. The heat generator, described in paragraph 1, is characterized by the fact that the thermoelements are commutated in series of two in one capacitor with the aid of a split cone for the purpose of increasing the specific capacity.

Card 7 /2

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ACC NR: AP6002878

3. The heat generator, described in paragraph 1, is characterized by the fact that the surface of the heat receiver is riffled for the purpose of increasing its absorptive power.

1. heat receiver
2. p-branch of the thermoelement
3. n-branch of the thermoelement
4. conical current shunts
5. conical cooler

SUB CODE: 10,13/ SUBM DATE: 30Dec64/

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859220015-8"

Columnia of the columnia of the state of the

VEDERNIKOV, N.L., dotsent, kand. tekhn. nauk; GOLOVINA, Z.M., assistent

Investigating deformations of circular arches with minor curvatures.

Trudy RISI no.6:251-257 '58.

(Arches)

VENERNIKOV, N.L., detsent, kand. tekhn. nauk

Designing elastically supported multistepped beams. Trudy RISI
no.6:245-250 '58.

(Girders)

VEDERNIKOV, N. L.; SAFRONOV, YU. V.

Agriucltural machinery

Calculating the durability of the semi axle of the cultivator KP-Z. Sel'khozmashina No.2, 1952

Monthly List of Russian Accessions, Library of Congress, May 1952. UNCLASSIFIED.

VELEPNIKOV, N. L.; SAFRONOV, YU. W. ; AKCHMTYAN, K. B.

Cultivators

Computations for the steering pole of the KP-3 cultivator. Sel'khozmashina, No. 9, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952.
Uncladsified.

- 1. VEDERNIKOV, N. L., MINKIMA, YA. N., SAFRONOV, YU.
- 2. 8337 (600)
- 4. Cultivators
- Calculating a square axle and angle bracket for the KP-3 cultivator, Sel'khozmashina No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Unclassified.

SOURCE CODE: UR/0354/65/000/009/0056/0057 RO EWT(1) L 31928-66 (A) ACC NR: AP5028795 AUTHOR: Vedernikov, N. M. ORG: Tatar Forestry Experimental Station (Tatarskaya lesnaya opytnaya stantsiya) TITLE: New fungicides for combating snowy pine needle blight in nurseries SOURCE: Lesnoye khozyaystvo, no. 9, 1965, 56-57 TOPIC TAGS: fungicide, plant parasite, plant disease ABSTRACT: The present work recommends fungicides and conditions for their use in fighting snowy pine needle blight (etiological agent: phacidium infestans Karst) on the basis of extensive tests conducted from 1960 to 1964. Good experimental results were obtained with colloidal sulfur, zinc salicylanilide, dinitrorhodanbenzol, amabam and ferbam; growth was superior, the effects longer lasting and the costs lower than with the standard preparations which served as the controls. Such fungicides as zineb, zipram, and figon failed to give lasting results and figon scorched the needles of the seedlings. The author recommends specific spray concentrations for colloidal sulfur, dinitroorhodanbenzol, zinc salicylanilide, amabam and ferbam, together with detailed instructions on spraying periods. SUBM DATE: none SUB CODE: 06/ UDC: 632.981 : 634.4 niT Card 1/1

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859220015-8"

VEDERNIKOV, N.N.; YESENOV, Sh.Ye.

Manifestations of amphibole mineralization in Dzhezkazgan
District and geological criteria to be used in exploring for
them. Vest.Kazakh.SSR 16 no.9:49-56 S '60. (MIRA 13:9)
(Dzhezkazgan District--Amphibole)

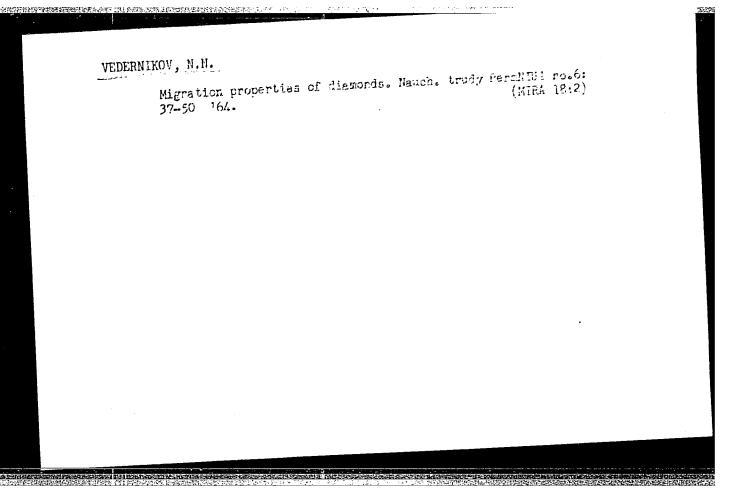
YESHOV, St. Ye.: VEDERGIKOV, U.M.; SUDAT, M.U.

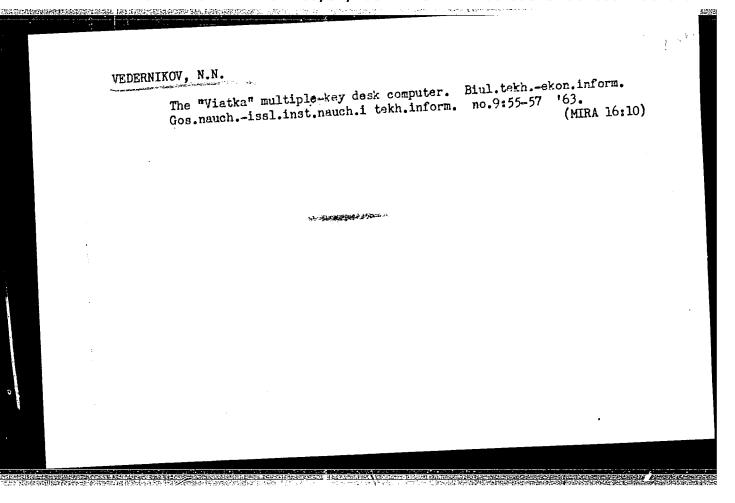
Methods of prospecting for subcates deposits. Record. 1 okt.

nedr. (30 no.3:10-13 Mr '64. (MIRA 18:1)

1. Ministerstvo geologii i okhrany medr Kazakhakov 55K.

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ZHUNEV, A.G.; SAVEL'YEV, B.A.; KOLESANOV, F.F.; VINOGRADOV, A.I.;
YUFEROV, A.I.; VEDERNIKOY, N.P.; SERIN, P.A.; VEDERNIKOVA, L.N.

Preparation of Bakal siderites for blast furnace smelting
by means of roasting. [Sbor. trud.] Nauch.-issl.inst.met.

(MIRA 15:11)

(Bakal region--Siderite)

(Ore dressing)

The Quality of RR-Car Axle-Metal Must Be Improved

28-58-1-24/34

ASSOCIATION: Kalininskiy vagonostroitel'nyy zavod (Kalinin RR-Car Plant)

AVAILABLE:

Library of Congress

Card 2/2

IVANKIN, P.F.; KUZEBNYY, V.S.; VEDERNIKOV, P.G.

Skarn deposits in the northwestern part of the Rudnyy Altai.

Trudy Alt.GMNII AN Kazakh.SSR 16:81-92 163. (MIRA 17:10)